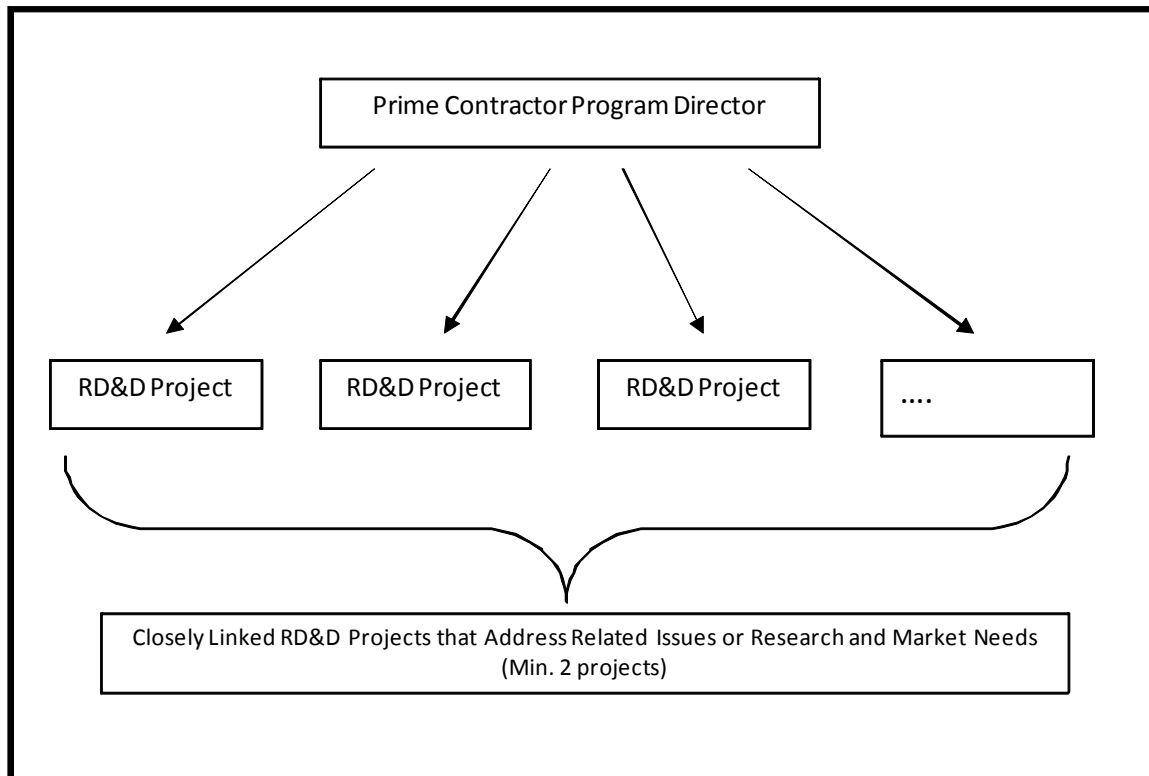


## II. GOALS AND OBJECTIVES OF THIS RFP (CONTINUED)

Figure 1: Diagram of the Structure of Proposals for this RFP Showing an Integrated Research Program (Excludes budget limit exempted Research Topic proposals)



The prime contractor program director is not limited to just overall management and coordination but can also perform individual RD&D Projects. There is no max on the number of projects that a bidder can propose. However, proposals must contain at least two projects to be considered for funding under this RFP because the purpose of this RFP is to fund an integrated research program.

### Scope and Context

California's dynamic economy and growing population will create increasing energy demands in the coming years, but concerns about global warming, other adverse environmental impacts, difficulties with creating new generating capacity, and stress on the transmission and distribution infrastructure mean that major new energy efficiency measures will be required to meet new energy demands. The State has recognized this issue and has implemented various policies and energy reduction goals to ensure that California can meet its future energy needs in an environmentally acceptable manner.

California has long been a leader in promoting energy efficiency. Title 24, California's Building Energy Code, is one key element of the State's long term success in ensuring high levels of energy efficiency. It is noteworthy that over the last 20 years, California's per capita electricity consumption has remained relatively flat, while that of the U.S. has grown significantly. In order to maintain this leadership and to incorporate technological advances and changes in market conditions, Title 24 is revised every three years. The next revision will become effective in 2011. One of the key objectives of this RFP is to support RD&D that when possible will inform the next future revisions of Title 24 and enables it to leveraged emerging technologies to ensure that cost effective energy efficiency measures are incorporated into the Standards.